Basic Mathematics | Fractions, Decimals, Percentages & Geometry eLearning Course

eLearning Course: MXMA101

Amatrol's Basic Mathematics eLearning Multimedia Courseware (MXMA101) covers topics like fractions, decimals, percentages, and basic geometry. Learners will study objectives like practicing basic operations with integers, learning about variables and explaining how they are used in equations, estimating and rounding decimals, and understanding how to measure geometric shapes.

Additionally, the eLearning reviews the math operations and concepts commonly used on the job in the production environment. The learner hones in on addition, subtraction, multiplication, division, fraction, decimal, percentage, averaging, ratio, and geometry skills. The online course also exposes the learner to basic linear problem solving and geometric operations, such as calculating surface area and volume.

In-Depth Basic Mathematics Curriculum

Why are Mathematics Skills Important for Industry and Production?
Think of math as a language. Language is a tool people use to communicate ideas to each other to reach a common understanding. People use math as a tool to communicate about quantity, amounts, distances, and more.

Math is used to share information like:

- How far is it from here to there? (distance)
- How many parts do I need to make to meet my production goal? (quantity)
- How many gallons of paint do I need to paint my house? (amount)

In order for people to communicate using a language, they must know the symbols and understand the rules of

how to arrange the symbols into words and sentences. Not knowing the ground rules can make a conversation frustrating, if not impossible.

Interactive eLearning with Learning Management System

Highly-Interactive Multimedia Format Appeals to All Learning Styles
Amatrol's basic mathematics eLearning course features interactive eLearning curriculum that integrates various types of learning methods to create an engaging, effective learning experience. Amatrol's multimedia eLearning curriculum includes text with voiceovers, videos, 3D animations, pictures, and interactive activities, quizzes, and self-reviews.

Free Learning Management System (LMS)
Amatrol eLearning is easy-to-use for both students and instructors. Its web-based interface is simple to navigate and available on any WebGL-compatible Internet browser. Instructors love Amatrol eLearning for its simple, yet sophisticated Learning Management System (LMS). The LMS allows instructors to create custom courses, monitor student participation, track course progress, assess knowledge levels prior to a course, and test knowledge levels after completion. Learners appreciate the fact that they can start and stop as needed, moving through each Amatrol course at their own pace. If a self-review reveals that they didn't understand a particular topic as well as they thought they did, they can revisit it before moving on.

Additional Info

Requires:

- Computer (see Computer Requirements)

Options:

- Amatrol SkillTrace Software (94-ST1)

Address

Amatrol
2400 Centennial Blvd
Jeffersonville, IN 47130

Contacts

email: contact@amatrol.com
phone: (800) 264 8285